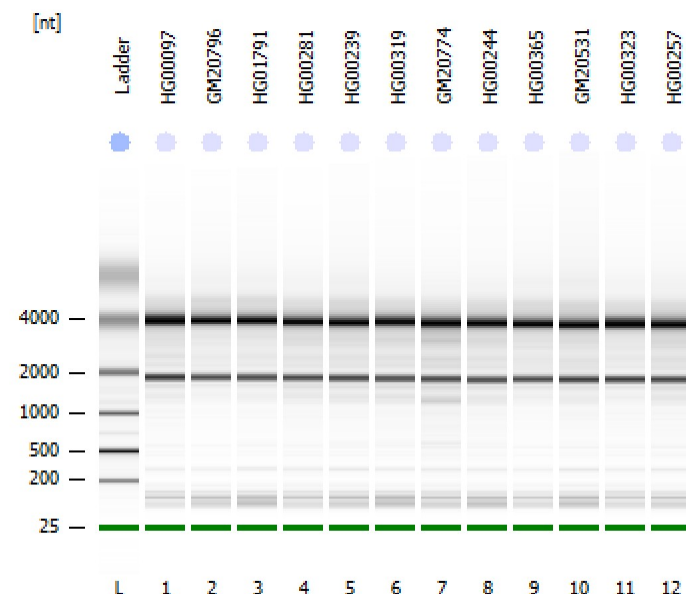


Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04105537_2011-10-03_16-18-12.xad

Created: 10/3/2011 4:18:12 PM
Modified: 10/3/2011 4:42:23 PM

Electrophoresis File Run SummaryInstrument Information:

Instrument Name: DE04105537
Serial#: DE04105537

Firmware: C.01.069
Type: G2938C

Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Nano Series II.xsy

Assay Class: Eukaryote Total RNA Nano

Version: 2.6

Assay Comments: Total RNA Analysis ng sensitivity (Eukaryote)

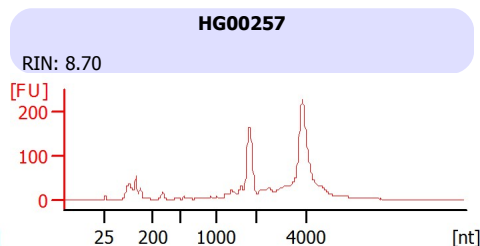
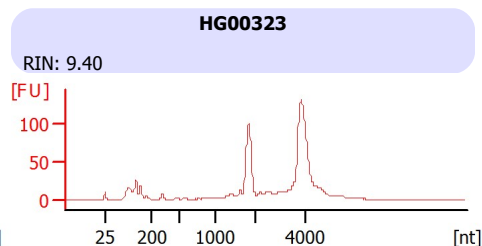
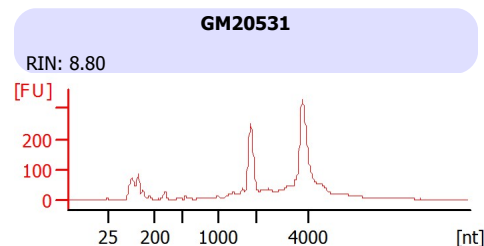
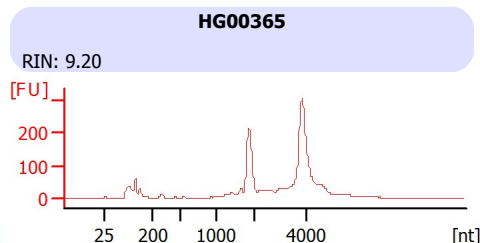
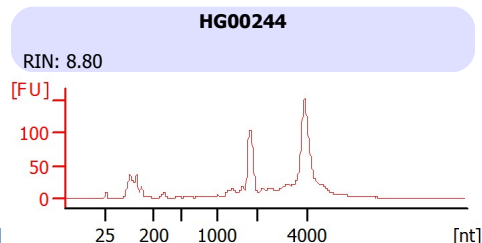
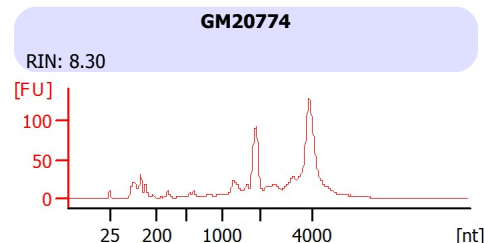
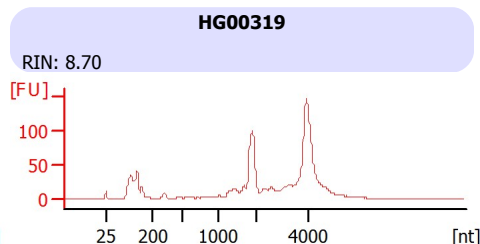
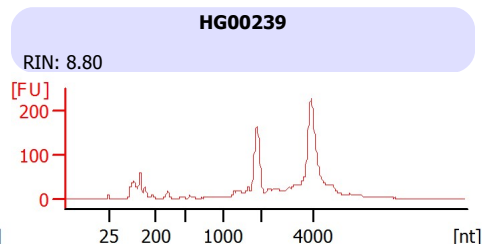
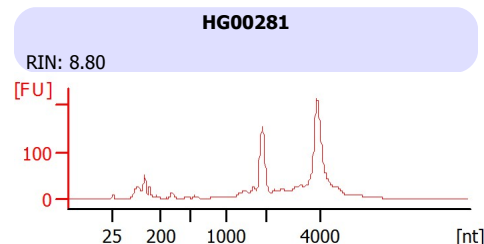
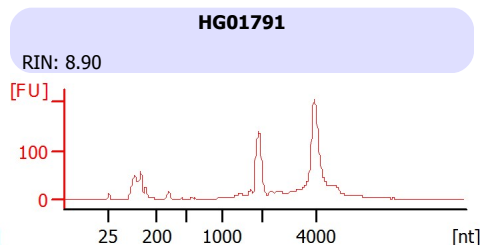
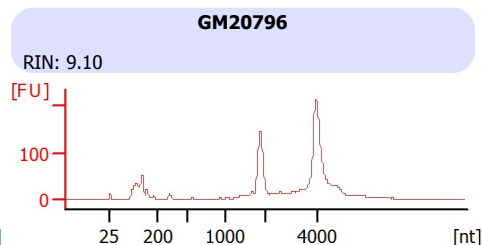
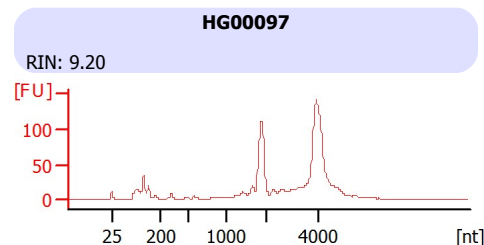
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Chip Information:

Chip Lot #:

Reagent Kit Lot #:

Chip Comments:



Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04105537_2011-10-03_16-18-12.xad

Created: 10/3/2011 4:18:12 PM
Modified: 10/3/2011 4:42:23 PM

Electrophoresis File Run Summary (Chip Summary)

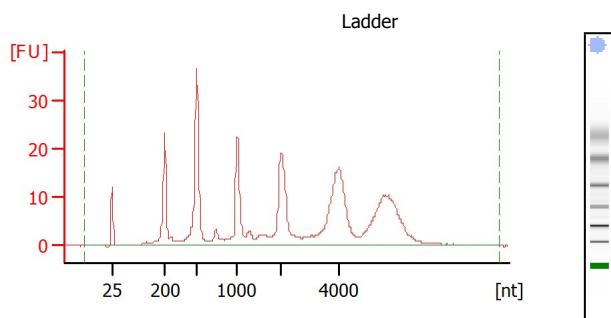
Sample Name	Sample Comment	Stat Result Label	Result Color
		us	
HG00097		✓ RIN: 9.20	
GM20796		✓ RIN: 9.10	
HG01791		✓ RIN: 8.90	
HG00281		✓ RIN: 8.80	
HG00239		✓ RIN: 8.80	
HG00319		✓ RIN: 8.70	
GM20774		✓ RIN: 8.30	
HG00244		✓ RIN: 8.80	
HG00365		✓ RIN: 9.20	
GM20531		✓ RIN: 8.80	
HG00323		✓ RIN: 9.40	
HG00257		✓ RIN: 8.70	
Ladder		✓ All Other Samples	

Chip Lot #**Reagent Kit Lot #****Chip Comments :**

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...Eukaryote Total RNA Nano_DE04105537_2011-10-03_16-18-12.xad

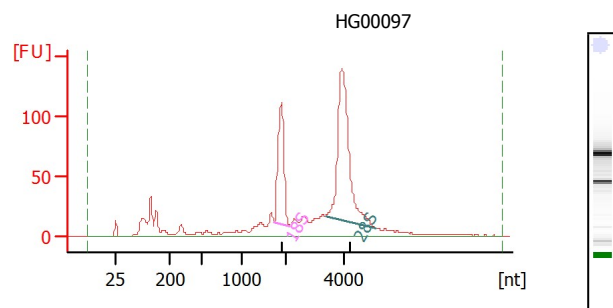
Created: 10/3/2011 4:18:12 PM
 Modified: 10/3/2011 4:42:23 PM

Electropherogram Summary



Overall Results for Ladder

RNA Area: 385.3
 RNA Concentration: 150 ng/μl
 Result Flagging Color:
 Result Flagging Label: All Other Samples

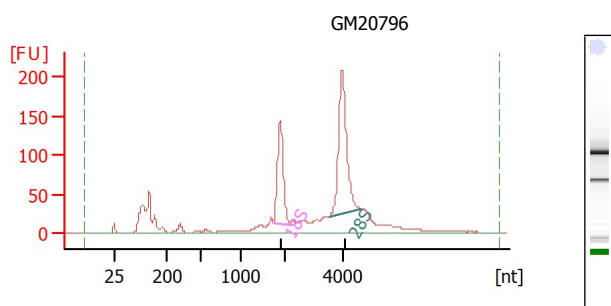


Overall Results for sample 1 : HG00097

RNA Area: 1,244.5
 RNA Concentration: 484 ng/μl
 rRNA Ratio [28s / 18s]: 2.0
 RNA Integrity Number (RIN): 9.2 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 9.20

Fragment table for sample 1 : HG00097

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,734	2,148	195.2	15.7
28S	3,355	5,157	394.5	31.7

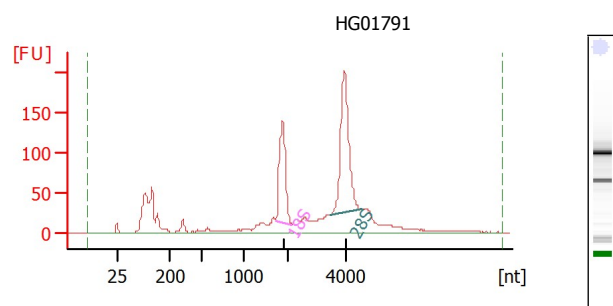


Overall Results for sample 2 : GM20796

RNA Area: 1,640.2
 RNA Concentration: 638 ng/μl
 rRNA Ratio [28s / 18s]: 1.7
 RNA Integrity Number (RIN): 9.1 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 9.10

Fragment table for sample 2 : GM20796

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,739	2,167	247.9	15.1
28S	3,510	4,578	410.1	25.0



Overall Results for sample 3 : HG01791

RNA Area: 1,720.5
 RNA Concentration: 670 ng/μl
 rRNA Ratio [28s / 18s]: 1.6
 RNA Integrity Number (RIN): 8.9 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 8.90

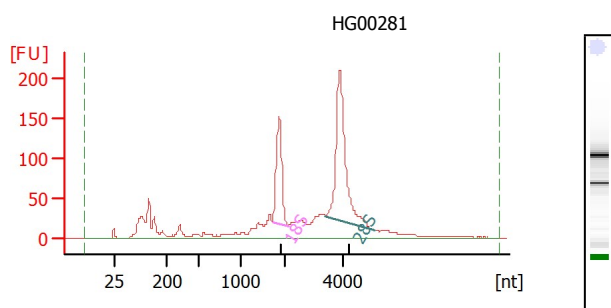
Fragment table for sample 3 : HG01791

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,737	2,151	253.2	14.7
28S	3,468	4,568	402.3	23.4

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...Eukaryote Total RNA Nano_DE04105537_2011-10-03_16-18-12.xad

Created: 10/3/2011 4:18:12 PM
 Modified: 10/3/2011 4:42:23 PM

Electropherogram Summary Continued ...

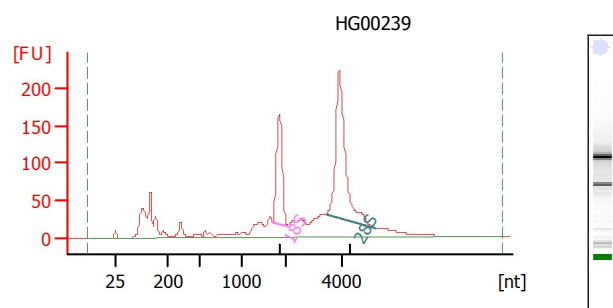


Overall Results for sample 4 : HG00281

RNA Area: 1,808.9
 RNA Concentration: 704 ng/μl
 rRNA Ratio [28s / 18s]: 2.0
 RNA Integrity Number (RIN): 8.8 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 8.80

Fragment table for sample 4 : HG00281

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,728	2,136	243.3	13.4
28S	3,424	5,103	487.3	26.9

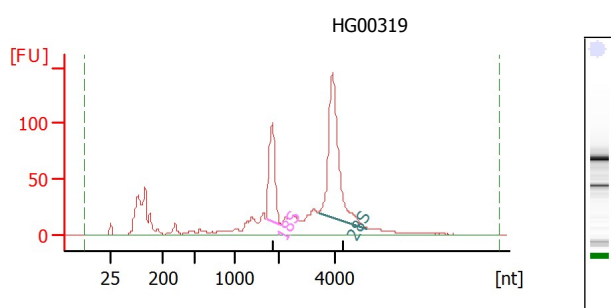


Overall Results for sample 5 : HG00239

RNA Area: 2,063.3
 RNA Concentration: 803 ng/μl
 rRNA Ratio [28s / 18s]: 1.9
 RNA Integrity Number (RIN): 8.8 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 8.80

Fragment table for sample 5 : HG00239

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,713	2,118	276.7	13.4
28S	3,414	5,162	533.7	25.9

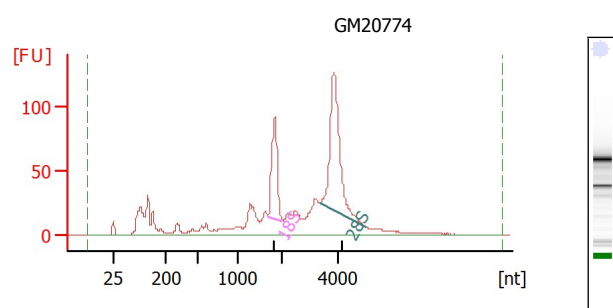


Overall Results for sample 6 : HG00319

RNA Area: 1,370.6
 RNA Concentration: 534 ng/μl
 rRNA Ratio [28s / 18s]: 2.0
 RNA Integrity Number (RIN): 8.7 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 8.70

Fragment table for sample 6 : HG00319

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,723	2,081	173.2	12.6
28S	3,451	5,115	353.6	25.8



Overall Results for sample 7 : GM20774

RNA Area: 1,291.4
 RNA Concentration: 503 ng/μl
 rRNA Ratio [28s / 18s]: 2.0
 RNA Integrity Number (RIN): 8.3 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 8.30

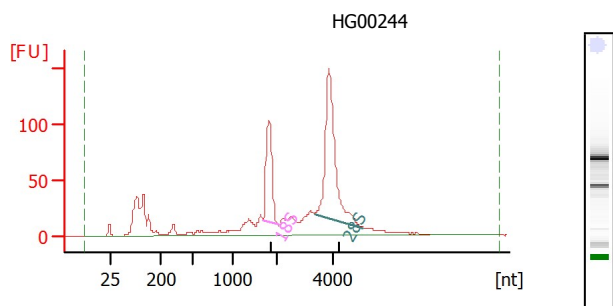
Fragment table for sample 7 : GM20774

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,694	2,052	146.8	11.4
28S	3,362	4,997	295.9	22.9

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...Eukaryote Total RNA Nano_DE04105537_2011-10-03_16-18-12.xad

Created: 10/3/2011 4:18:12 PM
 Modified: 10/3/2011 4:42:23 PM

Electropherogram Summary Continued ...

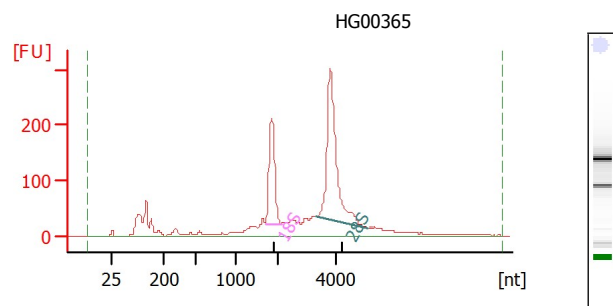


Overall Results for sample 8 : HG00244

RNA Area: 1,368.6
 RNA Concentration: 533 ng/μl
 rRNA Ratio [28s / 18s]: 2.1
 RNA Integrity Number (RIN): 8.8 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 8.80

Fragment table for sample 8 : HG00244

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,691	2,063	179.3	13.1
28S	3,335	5,081	367.8	26.9

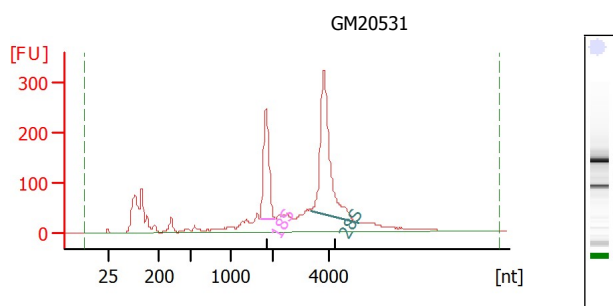


Overall Results for sample 9 : HG00365

RNA Area: 2,440.1
 RNA Concentration: 950 ng/μl
 rRNA Ratio [28s / 18s]: 2.1
 RNA Integrity Number (RIN): 9.2 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 9.20

Fragment table for sample 9 : HG00365

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,689	2,091	354.1	14.5
28S	3,307	5,145	727.5	29.8

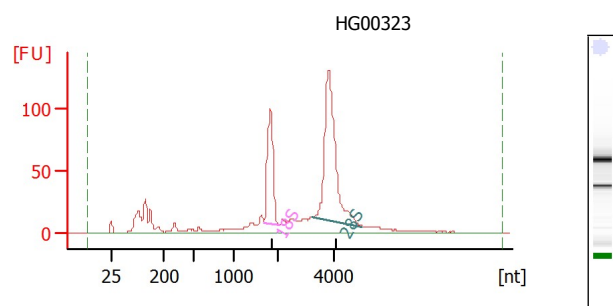


Overall Results for sample 10 : GM20531

RNA Area: 3,075.4
 RNA Concentration: 1,197 ng/μl
 rRNA Ratio [28s / 18s]: 1.9
 RNA Integrity Number (RIN): 8.8 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 8.80

Fragment table for sample 10 : GM20531

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,683	2,072	412.1	13.4
28S	3,340	5,042	776.3	25.2



Overall Results for sample 11 : HG00323

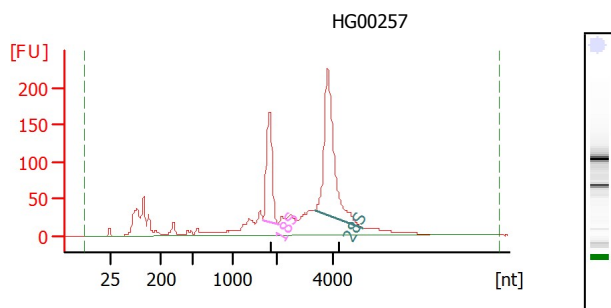
RNA Area: 1,110.4
 RNA Concentration: 432 ng/μl
 rRNA Ratio [28s / 18s]: 2.1
 RNA Integrity Number (RIN): 9.4 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 9.40

Fragment table for sample 11 : HG00323

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,695	2,073	177.9	16.0
28S	3,235	5,022	372.7	33.6

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04105537_2011-10-03_16-18-12.xad

Created: 10/3/2011 4:18:12 PM
Modified: 10/3/2011 4:42:23 PM

Electropherogram Summary Continued ...**Overall Results for sample 12 : HG00257**

RNA Area: 2,126.7
RNA Concentration: 828 ng/μl
rRNA Ratio [28s / 18s]: 2.0
RNA Integrity Number (RIN): 8.7 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 8.70

Fragment table for sample 12 : HG00257

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,681	2,048	276.0	13.0
28S	3,321	5,022	556.4	26.2